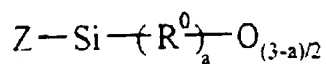


a) at least one unit of formula (FS):



wherein:

a = 0, 1 or 2,

- R⁰, identical or different, represents an alkyl, cycloalkyl, aryl, vinyl, hydrogen or alkoxy radical,

- Z, identical or different, is an organic substituent comprising at least one reactive epoxy, alkenyl ether, oxetane, dioxolane or carbonate functional group, and

b) at least two silicon atoms,

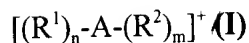
(2) at least one aromatic hydrocarbon photosensitizer with one or more aromatic nuclei which are optionally substituted, and having a residual light absorption of between 200 and 500 nm,

(3) at least one dental filler present in a proportion of at least 10% by weight relative to the total weight of the composition, and

(4) an effective quantity of at least one borate photoinitiator having an anionic borate entity and a cationic

borate entity and whose cationic entity is:

onium salts of formula (I):



in which formula:

A represents an element of groups 15 to 17 of valency v,

R¹ represents a carbocyclic or heterocyclic C₆-C₂₀ aryl radical, optionally containing a nitrogen or sulfur atom,

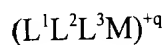
R² represents R¹ or a linear or branched C₁-C₃₀ alkyl or alkenyl radical; said radicals R¹ and R² being optionally substituted with a C₁-C₂₅ alkoxy,

C₁-C₂₅ alkyl, nitro, chloro, bromo, cyano, carboxyl, ester or mercapto group,

n is an integer ranging from 1 to v + 1, v being the valency of the element A,

m is an integer ranging from 0 to v - 1 with n + m = v + 1,

(**) organometallic salts of formula (III):



in which formula:

M represents a group 4 to 10 metal,

L¹ represents 1 ligand bound to the metal M by π by electrons, said ligand being η³-alkyl, η⁵-cyclopentadienyl, η⁷-cycloheptatrienyl, optionally substituted η⁶-aromatic compounds, or compounds having from 2 to 4 condensed rings, each ring being capable of contributing to the valency layer of the metal M by 3 to 8 π electrons;

L² represents a ligand bound to the metal M by π electrons, said ligand being η⁷-cycloheptatrienyl, optionally substituted η⁶-benzene, or compounds having

from 2 to 4 condensed rings, each ring being capable of contributing to the valency layer of the metal M by 6 or 7 π electrons;

L^3 represents from 0 to 3 ligands, which are identical or different, linked to the metal M by σ electrons, said ligand(s) being CO, or NO_2^+ ; the total electron charge q of the complex to which L^1 , L^2 and L^3 contribute and the ionic charge of the metal M being positive and equal to 1 or 2; and

whose anionic borate entity is of the formula $[\text{BX}_a\text{R}_b]^-$ wherein:

- a and b are integers ranging, for a, from 0 to 3 and, for b, from 1 to 4 with $a + b = 4$,

- the symbols X represent:

a halogen atom (chlorine, fluorine) with $a = 0$ to 3,

an OH functional group with $a = 0$ to 2,

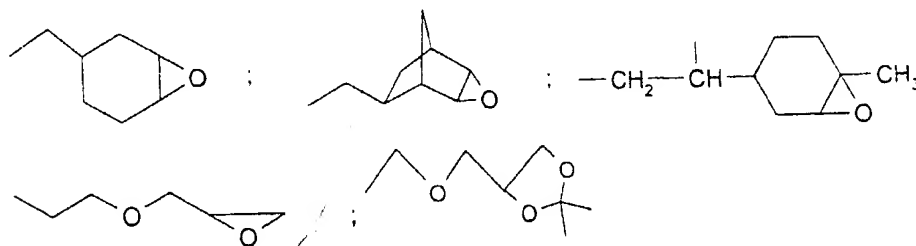
- the symbols R are identical or different and represent:

a phenyl radical substituted with at least one electron-attracting group or with at least 2 halogen atoms, when the cationic entity is an onium of an element of groups 15 to 17,

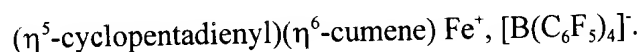
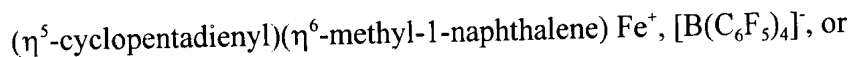
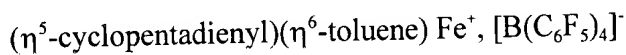
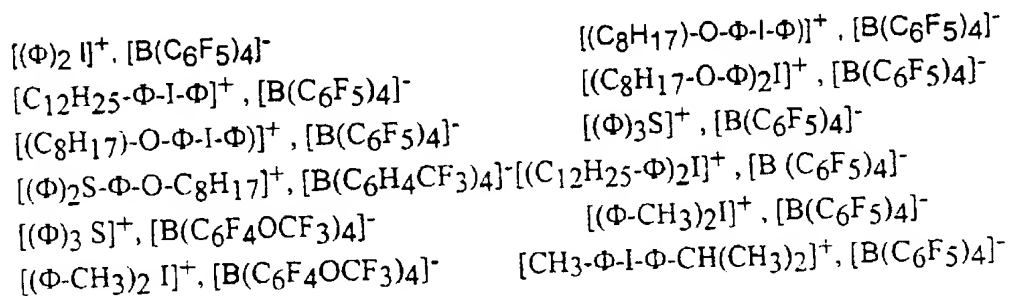
a phenyl radical substituted with at least one element or one electron-attracting group, when the cationic entity is an organometallic complex of an element of groups 4 to 10,

an aryl radical containing at least two aromatic nuclei optionally substituted with at least one electron-attracting group or element, regardless of the cationic entity.

13. (New) A composition as claimed in claim 12, wherein Z is an organic substituent Z1 comprising at least one reactive epoxy, or dioxolane functional group.
14. (New) A composition as claimed in claim 13, wherein the oligomer or polymer (1) further comprises other reactive functional groups Z which are alkenyl ether, oxetane or carbonate functional groups Z2.
15. (New) A composition as claimed in claim 12, wherein the reactive functional group(s) of Z1 are selected from the group consisting of the following radicals:



16. (New) A composition as claimed in claim 12, wherein the photoinitiator is



17. (New) A composition as claimed in claim 12, wherein the photosensitizer is:

4,4'-dimethoxybenzoin; 2-4-diethylthioxanthone

2-ethylanthraquinone; 2-methylanthraquinone;

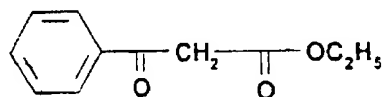
1,8-dihydroxyanthraquinone; dibenzoylperoxide;

2,2-dimethoxy-2-phenylacetophenone;
benzoin;

2-hydroxy-2-methylpropiophenone;
benzaldehyde;

4-(2-hydroxyethoxy)phenyl-(2-hydroxy-2-methylpropyl)-ketone;

benzoylacetone;



2-isopropylthioxanthone; 1-chloro-4-propoxythioxanthone; or

4-isopropylthioxanthone.

18. (New) A dental composition as claimed in claim 12, wherein the silicone oligomer or polymer (1) comprises at least one silicone having the following average formula:

